20070 C826207

FIG. 1

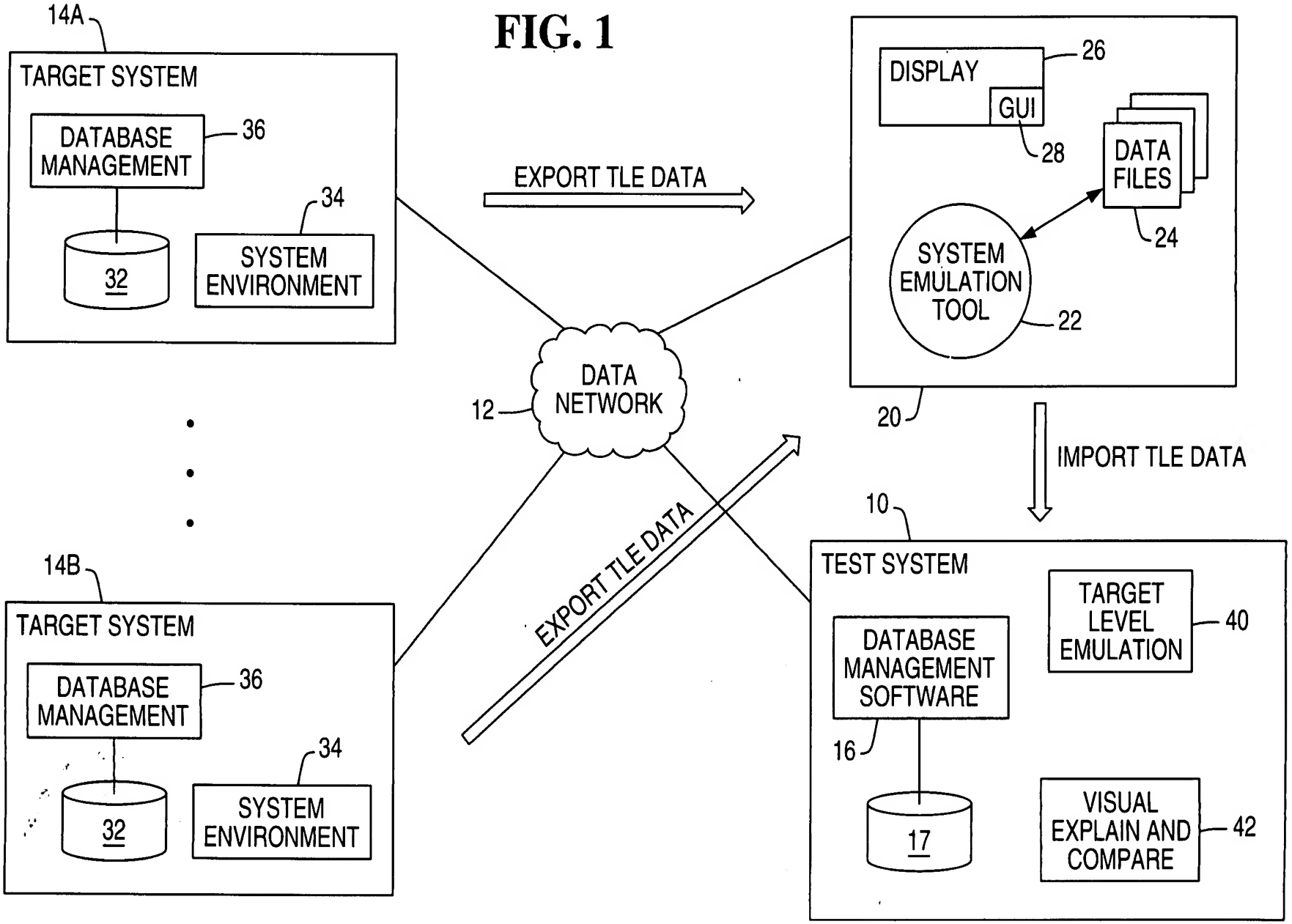


FIG. 2

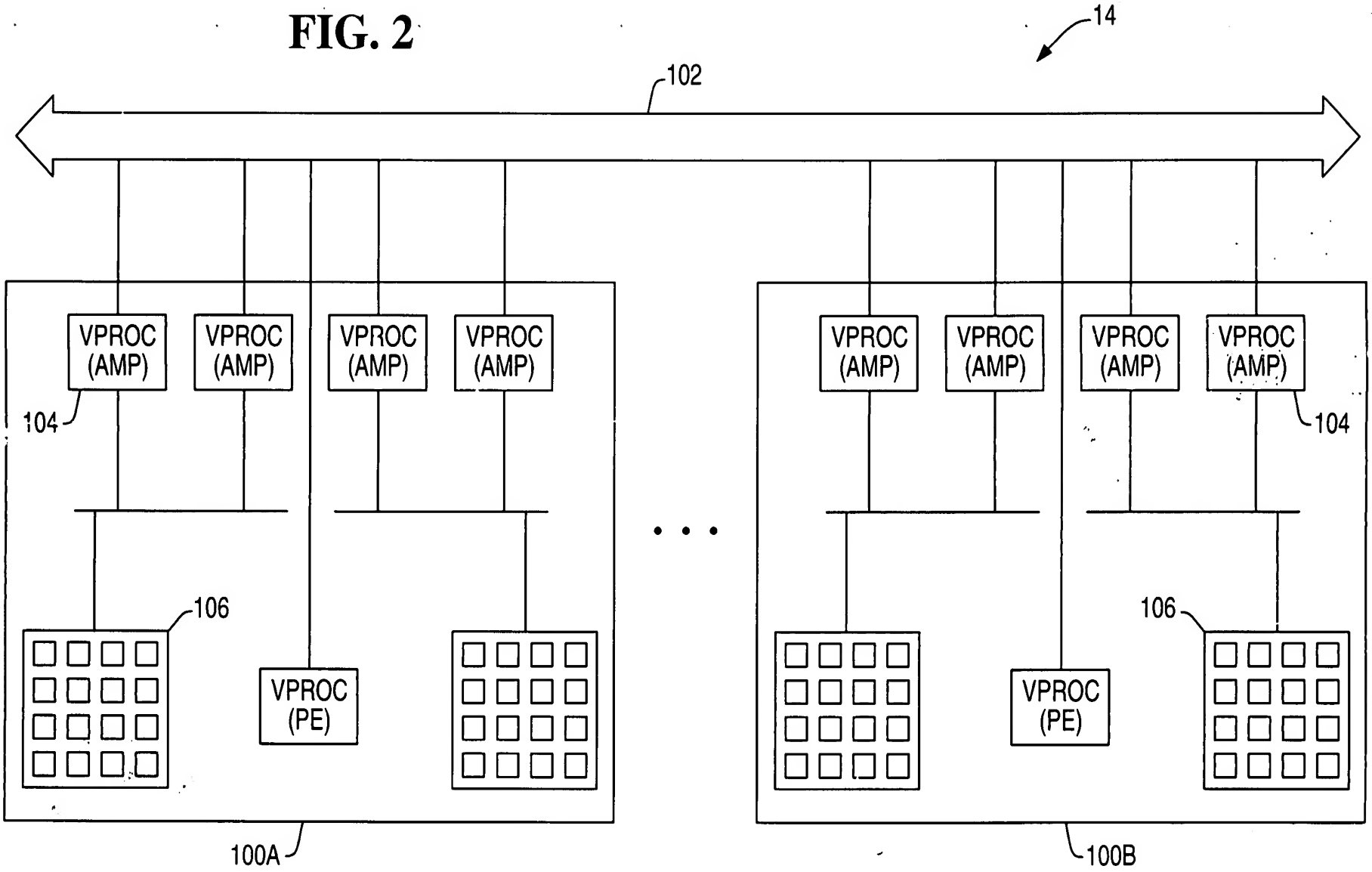

14
102
VPROC (AMP)
VPROC (AMP)
VPROC (AMP)
VPROC (AMP)
104
106
VPROC (PE)
100A
VPROC (AMP)
VPROC (AMP)
VPROC (AMP)
VPROC (AMP)
104
106
VPROC (PE)
100B

FIG. 3

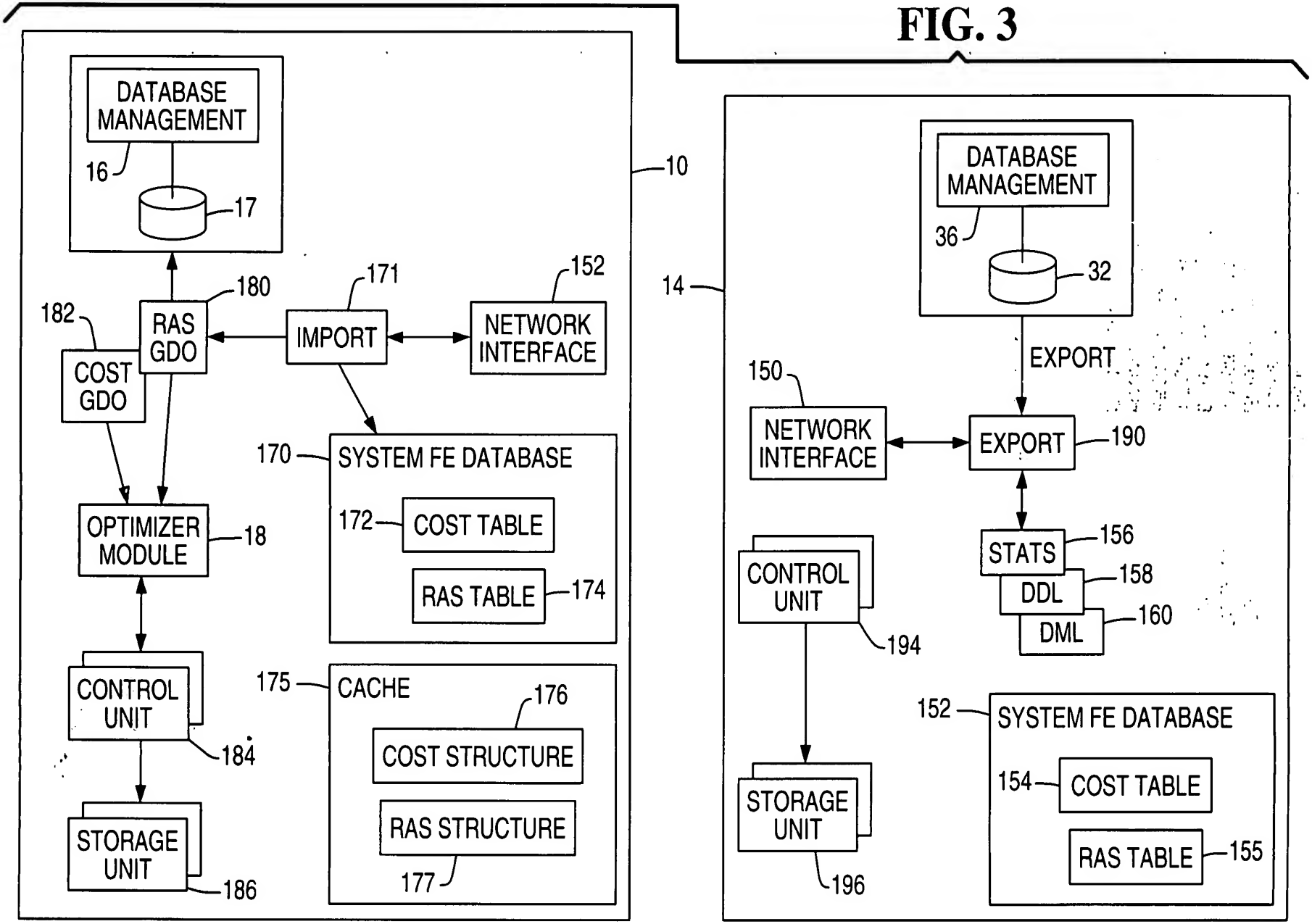

DATABASE MANAGEMENT
16
17
10
14
DATABASE MANAGEMENT
36
32
EXPORT
150
NETWORK INTERFACE
EXPORT
190
182
RAS GDO
180
171
IMPORT
152
NETWORK INTERFACE
COST GDO
170
SYSTEM FE DATABASE
172
COST TABLE
RAS TABLE
174
OPTIMIZER MODULE
18
CONTROL UNIT
194
STATS
156
DDL
158
DML
160
175
CACHE
176
COST STRUCTURE
RAS STRUCTURE
177
CONTROL UNIT
184
STORAGE UNIT
186
STORAGE UNIT
196
152
SYSTEM FE DATABASE
154
COST TABLE
RAS TABLE
155

FIG. 4

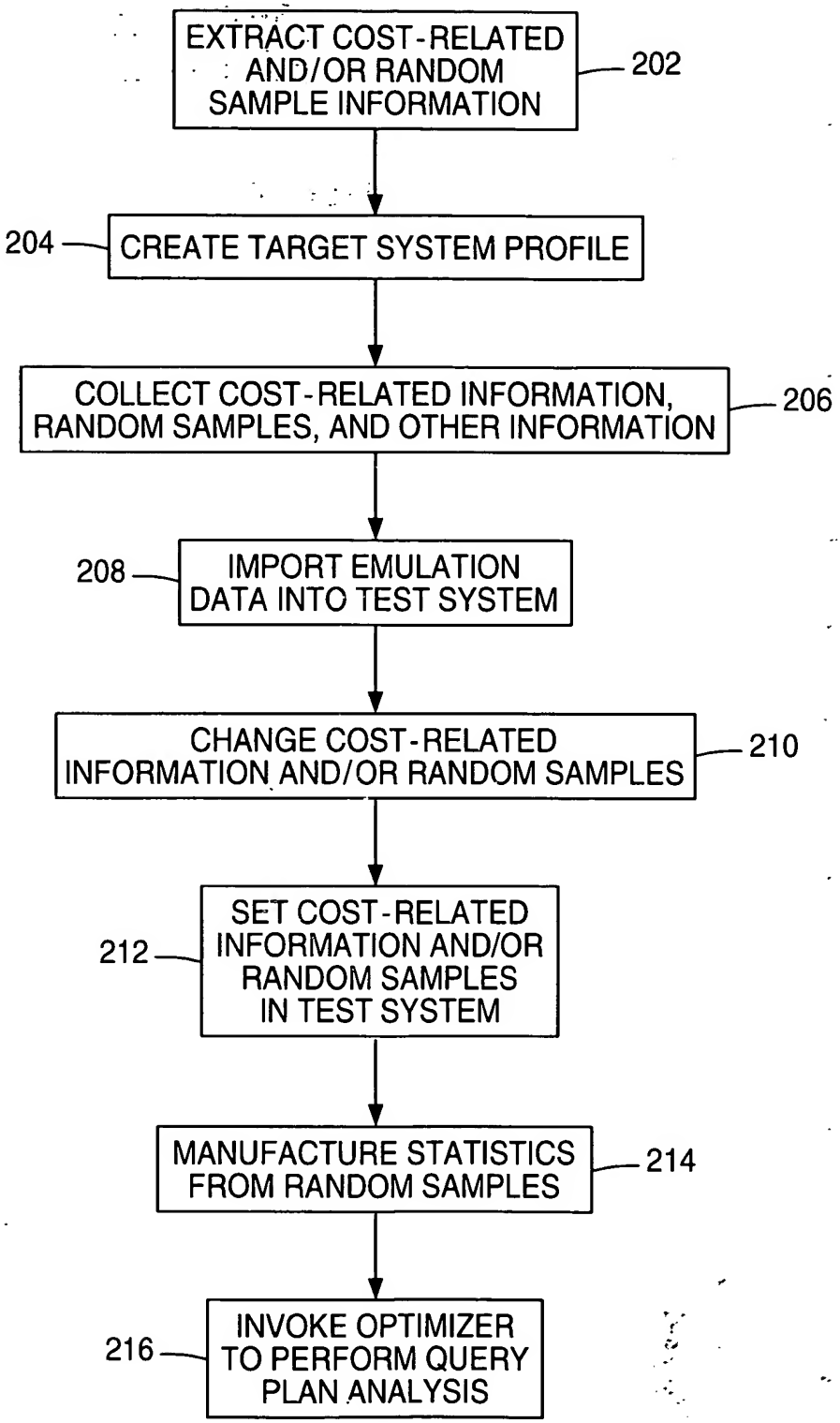

EXTRACT COST-RELATED AND/OR RANDOM SAMPLE INFORMATION
202
204
CREATE TARGET SYSTEM PROFILE
COLLECT COST-RELATED INFORMATION, RANDOM SAMPLES, AND OTHER INFORMATION
206
208
IMPORT EMULATION DATA INTO TEST SYSTEM
CHANGE COST-RELATED INFORMATION AND/OR RANDOM SAMPLES
210
212
SET COST-RELATED INFORMATION AND/OR RANDOM SAMPLES IN TEST SYSTEM
MANUFACTURE STATISTICS FROM RANDOM SAMPLES
214
216
INVOKE OPTIMIZER TO PERFORM QUERY PLAN ANALYSIS

FIG. 5

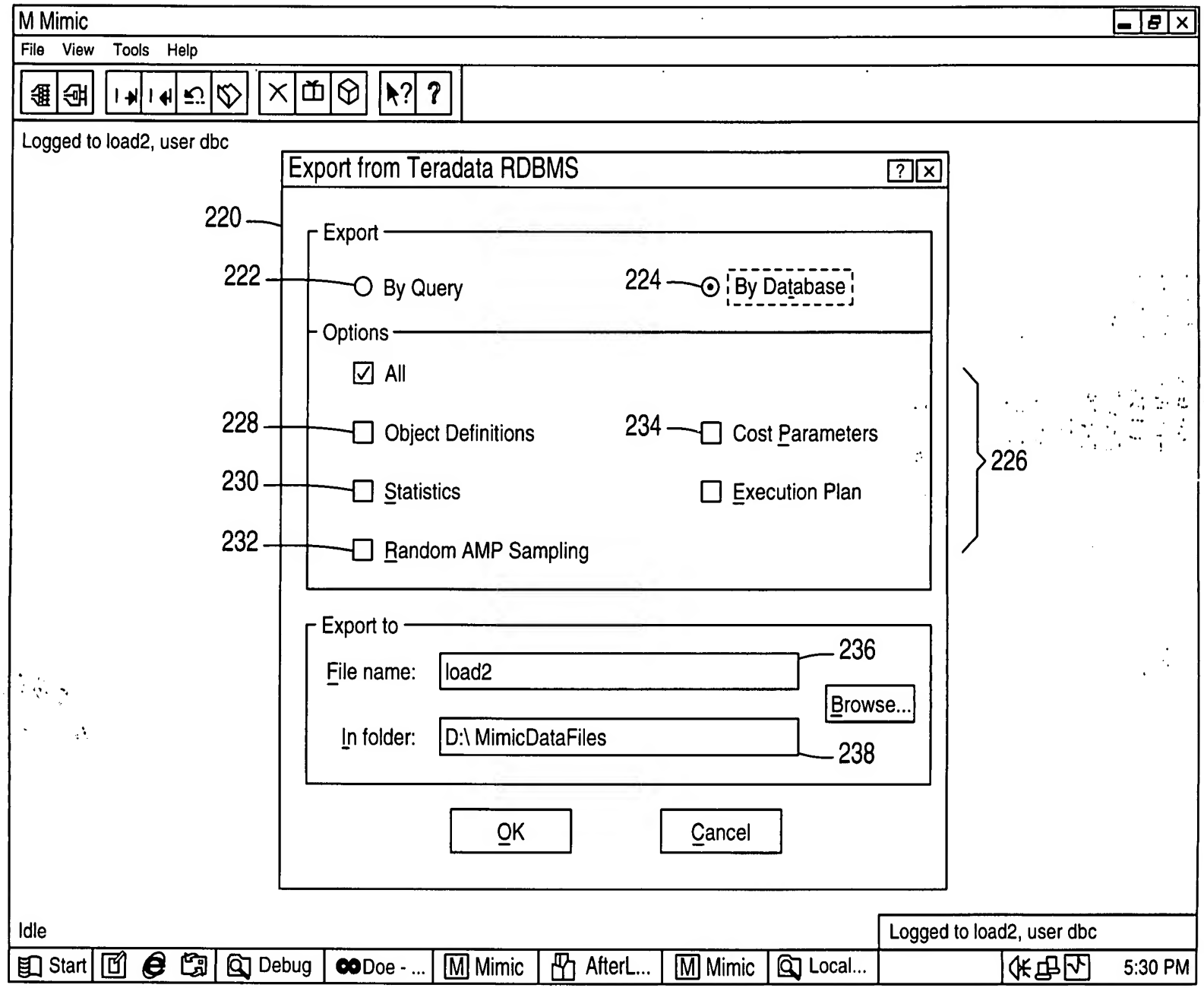

M Mimic
File View Tools Help
Logged to load2, user dbc
Export from Teradata RDBMS
220
Export
222
By Query
224
By Database
Options
All
228
Object Definitions
234
Cost Parameters
230
Statistics
Execution Plan
232
Random AMP Sampling
226
Export to
236
File name:
load2
Browse...
In folder:
D:\ MimicDataFiles
238
OK
Cancel
Idle
Logged to load2, user dbc
Start
Debug
Doe - ...
Mimic
AfterL...
Mimic
Local...
5:30 PM

FIG. 6

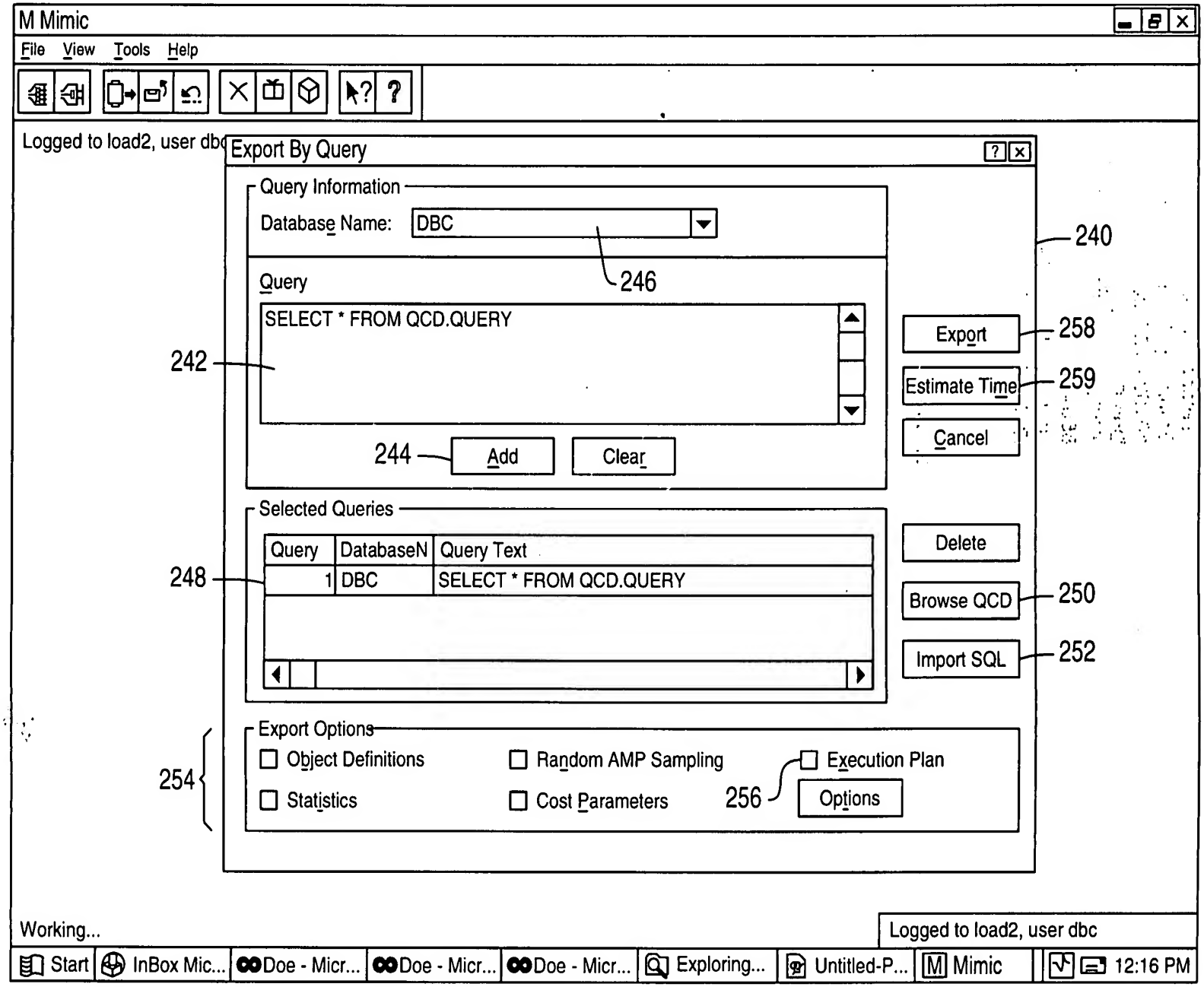

M Mimic
File View Tools Help
Logged to load2, user dbc
Export By Query
Query Information
Database Name: DBC
246
Query
SELECT * FROM QCD.QUERY
242
244
Add
Clear
240
Export
258
Estimate Time
259
Cancel
Selected Queries
Query
DatabaseN
Query Text
1
DBC
SELECT * FROM QCD.QUERY
248
Delete
Browse QCD
250
Import SQL
252
Export Options
Object Definitions
Random AMP Sampling
Execution Plan
Statistics
Cost Parameters
256
Options
254
Working...
Logged to load2, user dbc
Start
InBox Mic...
Doe - Micr...
Doe - Micr...
Doe - Micr...
Exploring...
Untitled-P...
Mimic
12:16 PM

FIG. 7

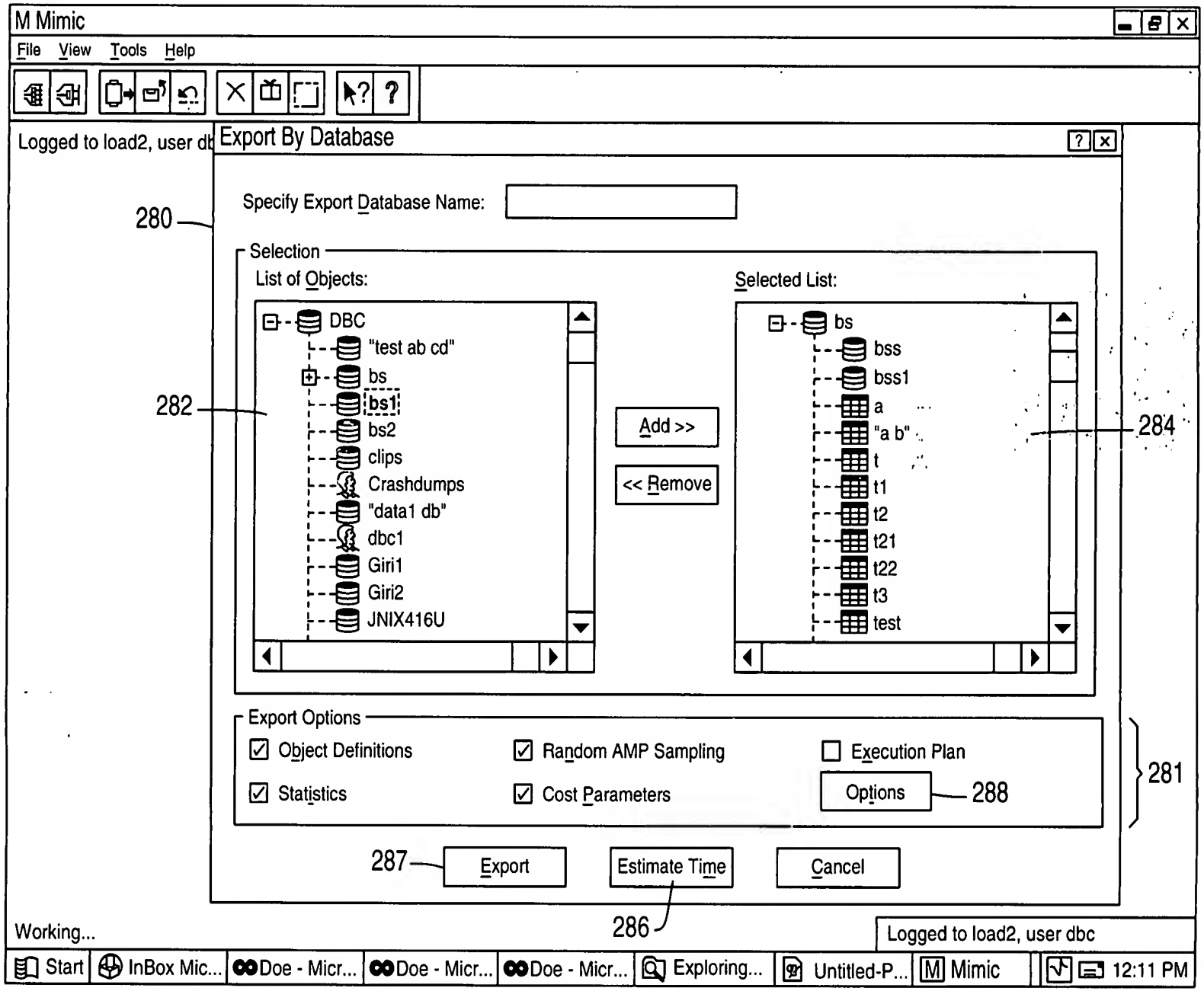

M Mimic
File View Tools Help
Logged to load2, user db
Export By Database
Specify Export Database Name:
280
Selection
List of Objects:
Selected List:
DBC
"test ab cd"
bs
bs1
bs2
clips
Crashdumps
"data1 db"
dbc1
Giri1
Giri2
JNIX416U
282
Add >>
<< Remove
bs
bss
bss1
a
"a b"
t
t1
t2
t21
t22
t3
test
284
Export Options
Object Definitions
Random AMP Sampling
Execution Plan
Statistics
Cost Parameters
Options
288
281
287
Export
Estimate Time
Cancel
286
Working...
Logged to load2, user dbc
Start
InBox Mic...
Doe - Micr...
Doe - Micr...
Doe - Micr...
Exploring...
Untitled-P...
Mimic
12:11 PM

FIG. 8

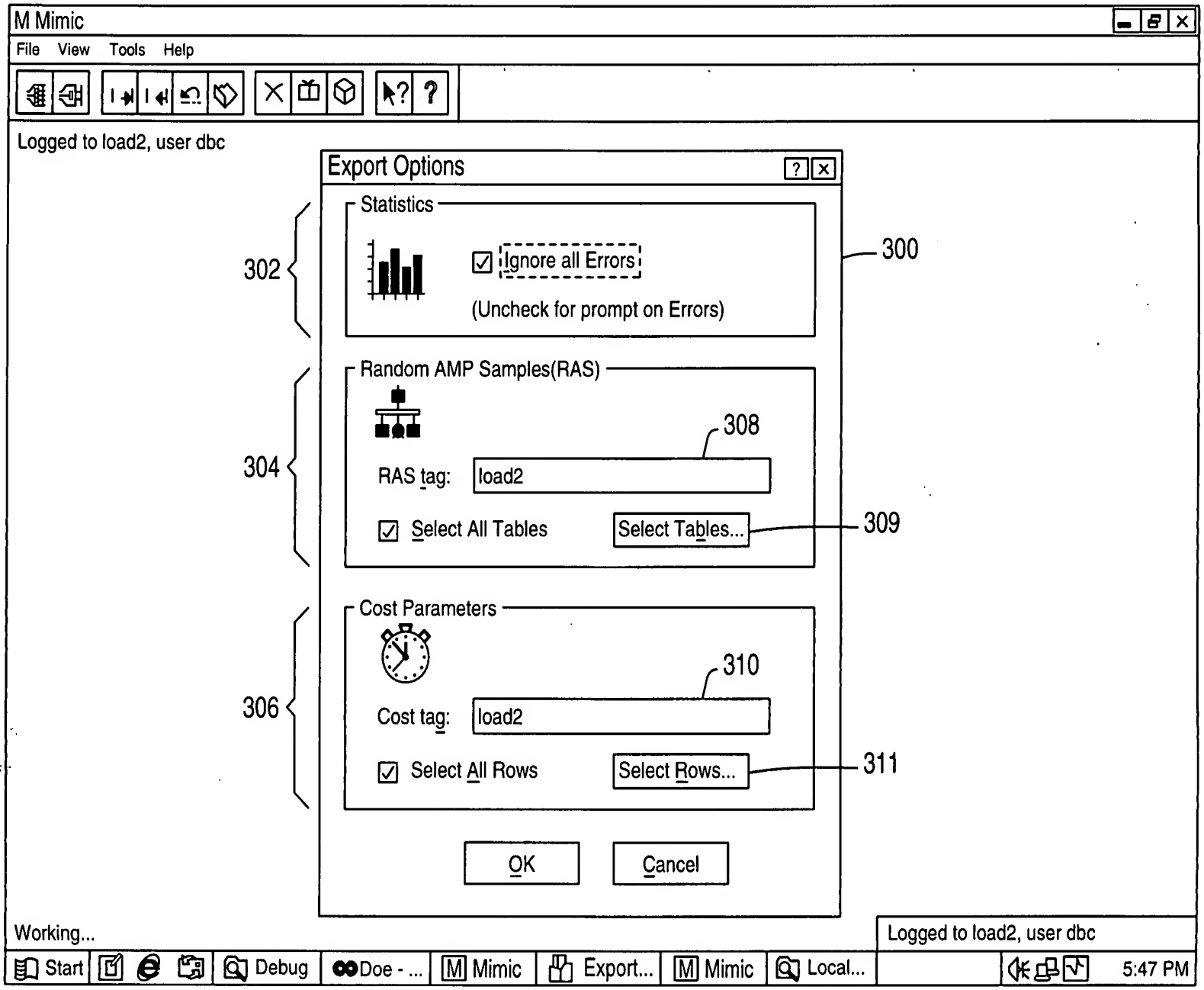

M Mimic
File View Tools Help
Logged to load2, user dbc
Export Options
Statistics
Ignore all Errors
(Uncheck for prompt on Errors)
Random AMP Samples(RAS)
RAS tag:
load2
Select All Tables
Select Tables...
Cost Parameters
Cost tag:
load2
Select All Rows
Select Rows...
OK
Cancel
Working...
Logged to load2, user dbc
Start
Debug
Doe - ...
Mimic
Export...
Mimic
Local...
5:47 PM
300
302
304
306
308
309
310
311

FIG. 9

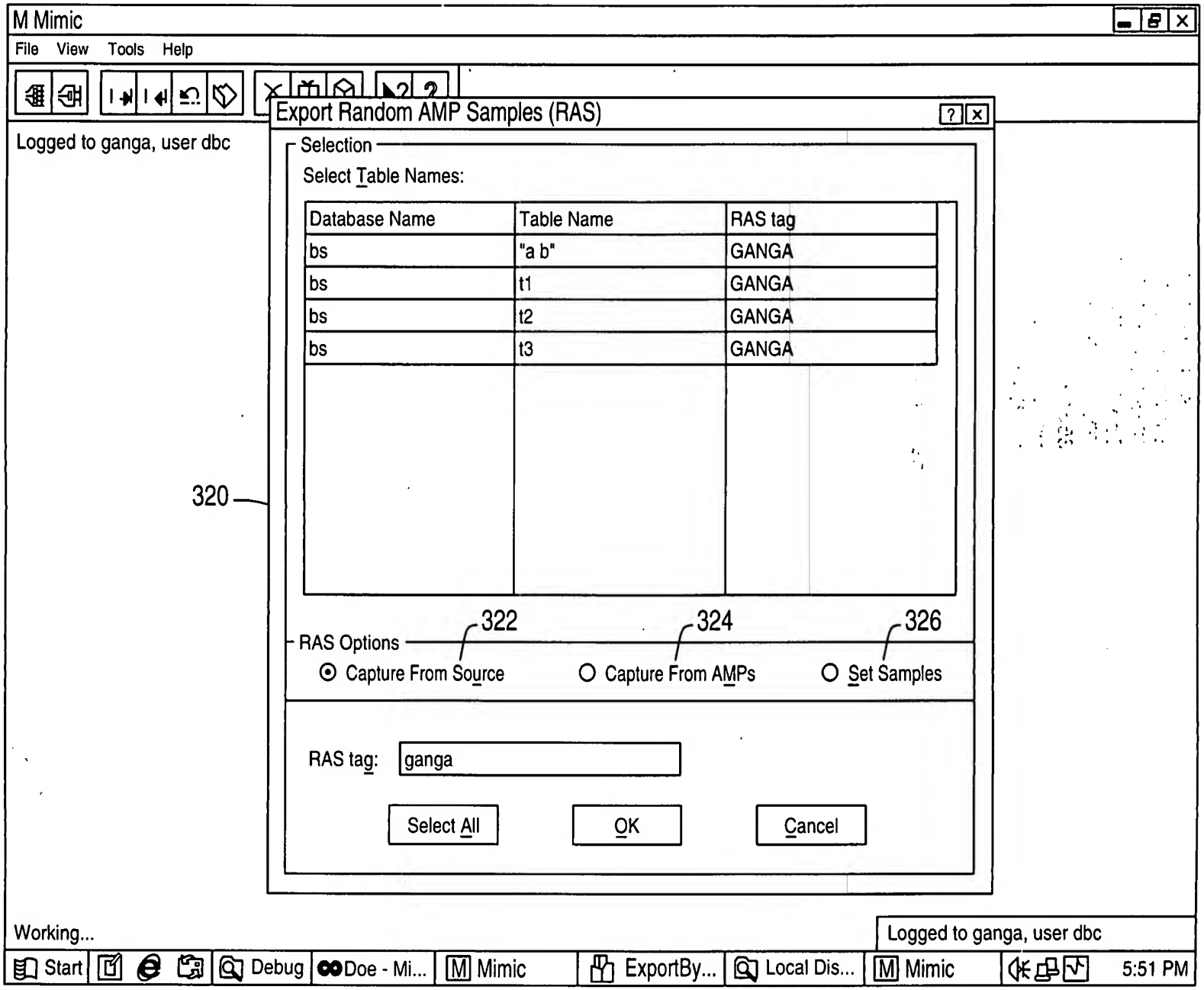

M Mimic
File View Tools Help
Logged to ganga, user dbc
Export Random AMP Samples (RAS)
Selection
Select Table Names:
Database Name
Table Name
RAS tag
bs
"a b"
GANGA
bs
t1
GANGA
bs
t2
GANGA
bs
t3
GANGA
320
322
324
326
RAS Options
Capture From Source
Capture From AMPs
Set Samples
RAS tag:
ganga
Select All
OK
Cancel
Working...
Logged to ganga, user dbc
Start
Debug
Doe - Mi...
Mimic
ExportBy...
Local Dis...
Mimic
5:51 PM

FIG. 10

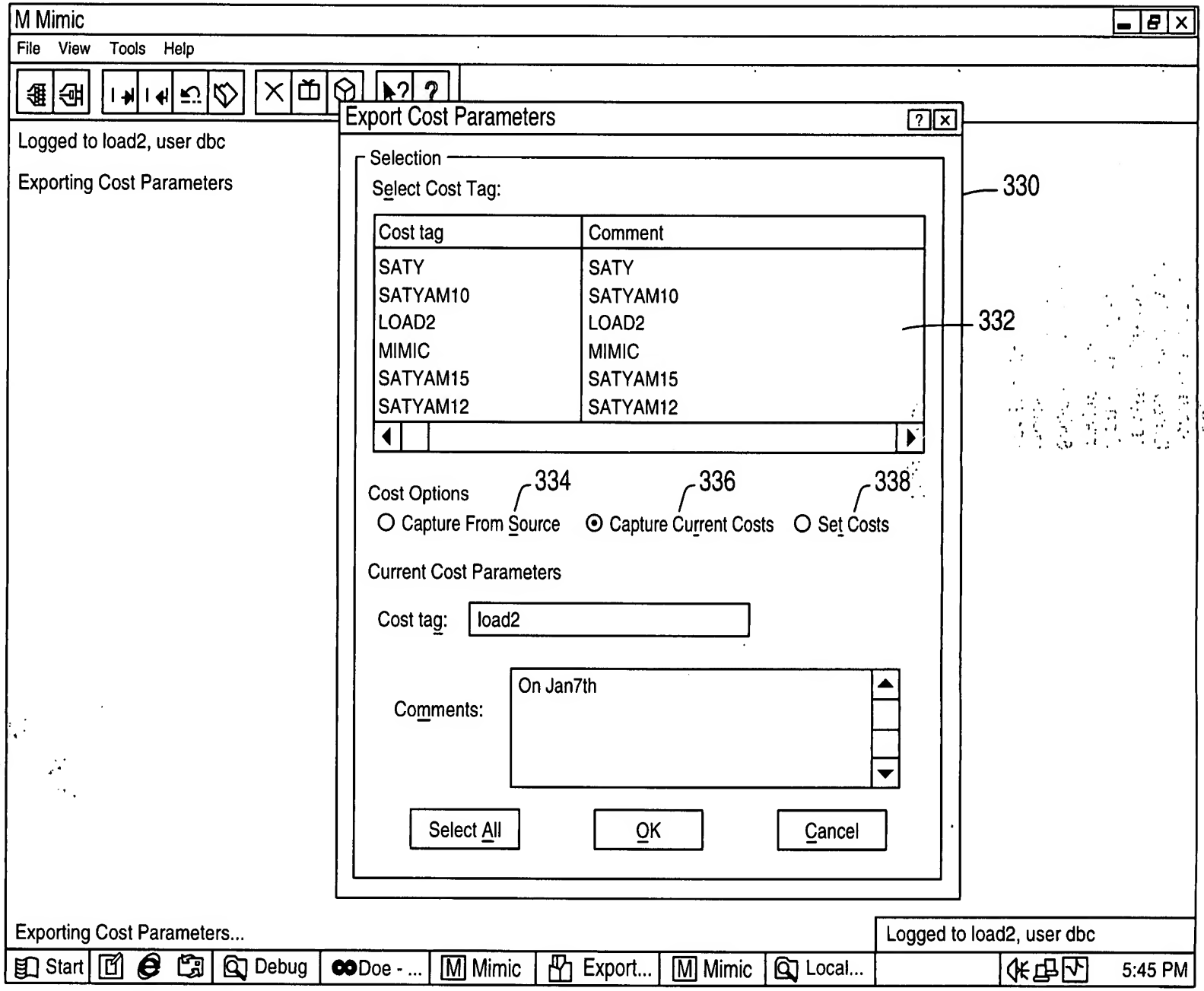

M Mimic
File View Tools Help
Logged to load2, user dbc
Exporting Cost Parameters
Export Cost Parameters
Selection
Select Cost Tag:
330
Cost tag
Comment
SATY
SATYAM10
LOAD2
MIMIC
SATYAM15
SATYAM12
332
Cost Options
334
336
338
Capture From Source
Capture Current Costs
Set Costs
Current Cost Parameters
Cost tag:
load2
Comments:
On Jan7th
Select All
OK
Cancel
Exporting Cost Parameters...
Logged to load2, user dbc
Start
Debug
Doe - ...
Mimic
Export...
Mimic
Local...
5:45 PM

FIG. 11

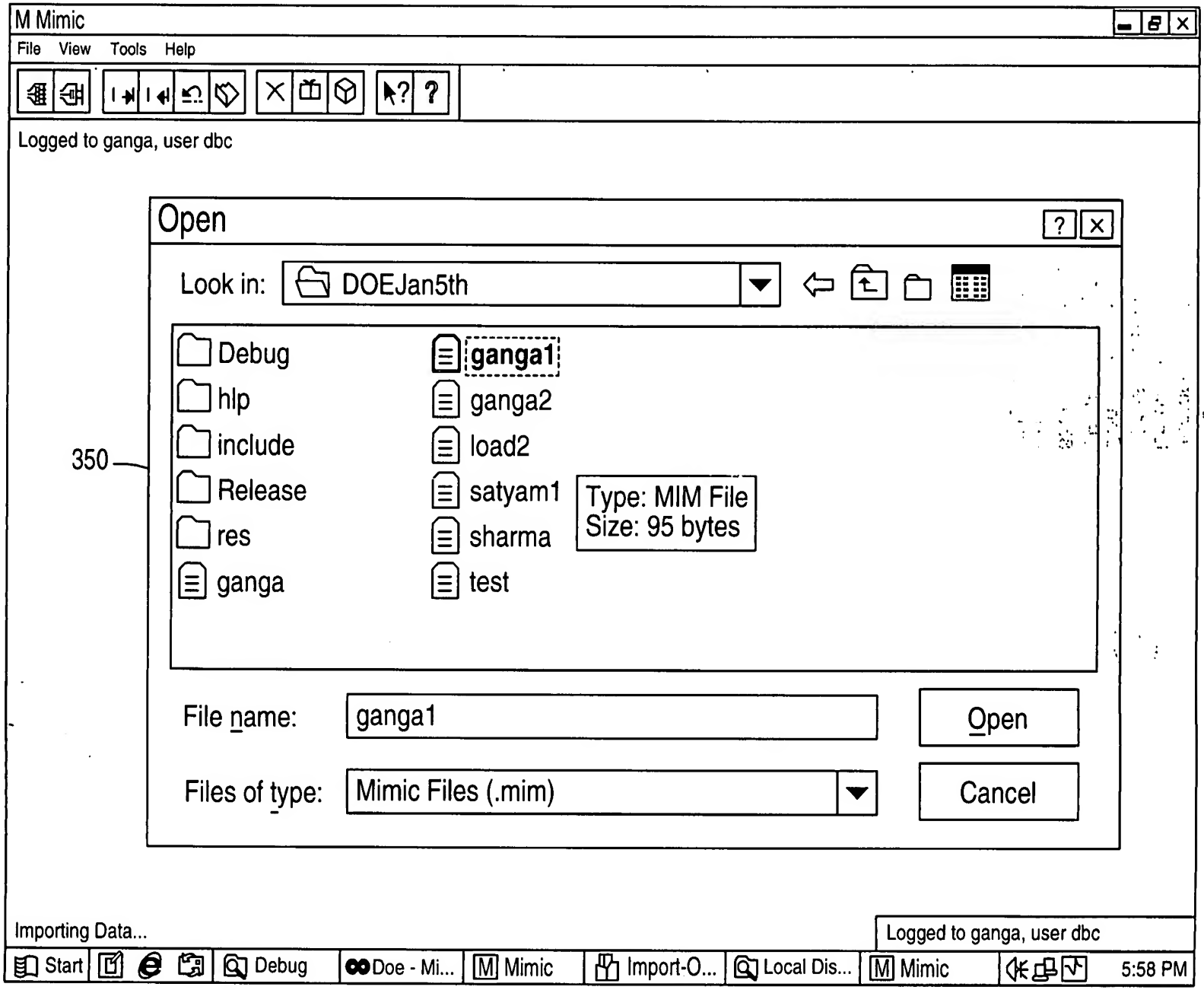

M Mimic
File View Tools Help
Logged to ganga, user dbc
Open
Look in: DOEJan5th
Debug
hlp
include
Release
res
ganga
ganga1
ganga2
load2
satyam1
sharma
test
Type: MIM File
Size: 95 bytes
350
File name: ganga1
Open
Files of type: Mimic Files (.mim)
Cancel
Importing Data...
Logged to ganga, user dbc
Start
Debug
Doe - Mi...
Mimic
Import-O...
Local Dis...
Mimic
5:58 PM

FIG. 12

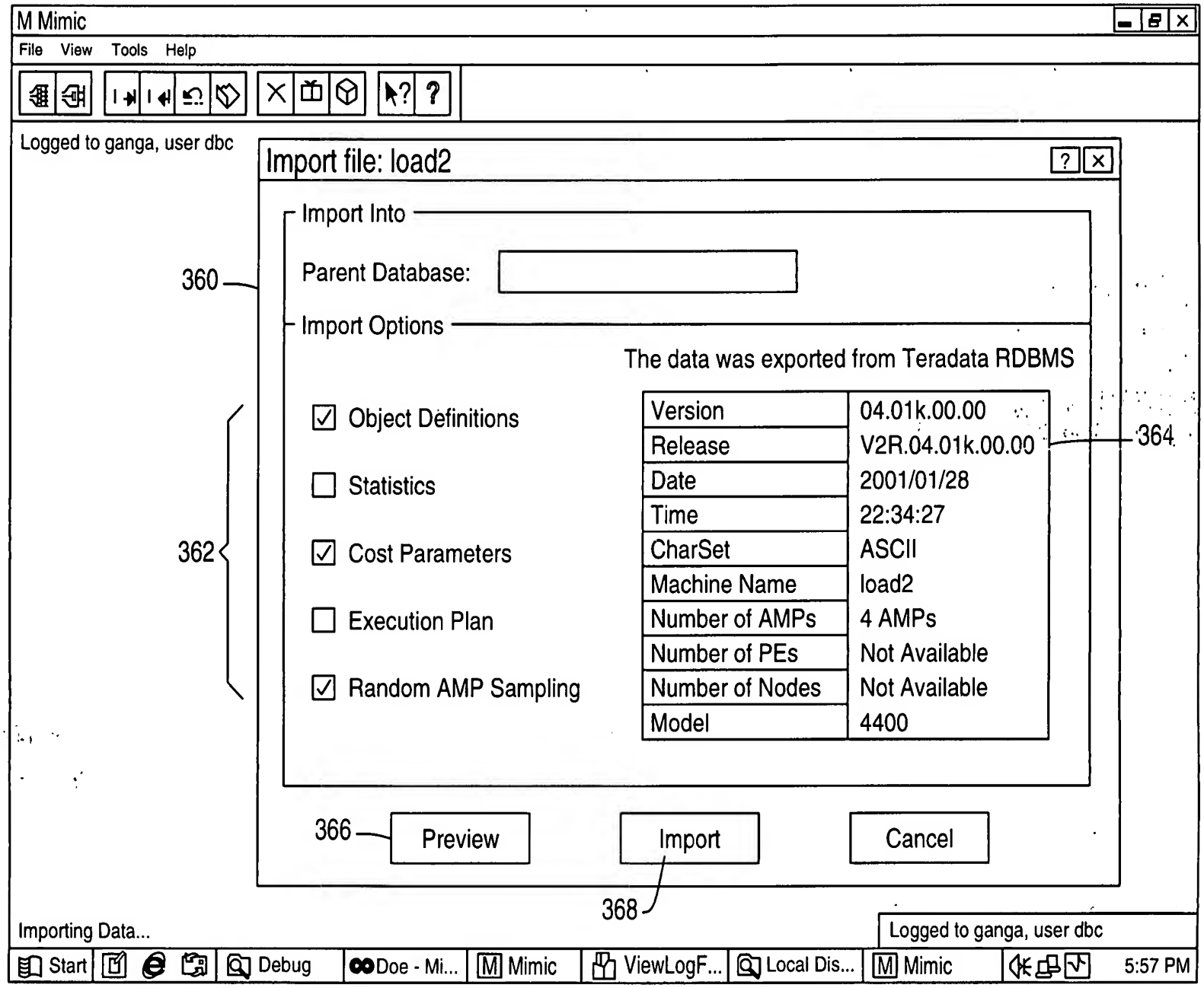
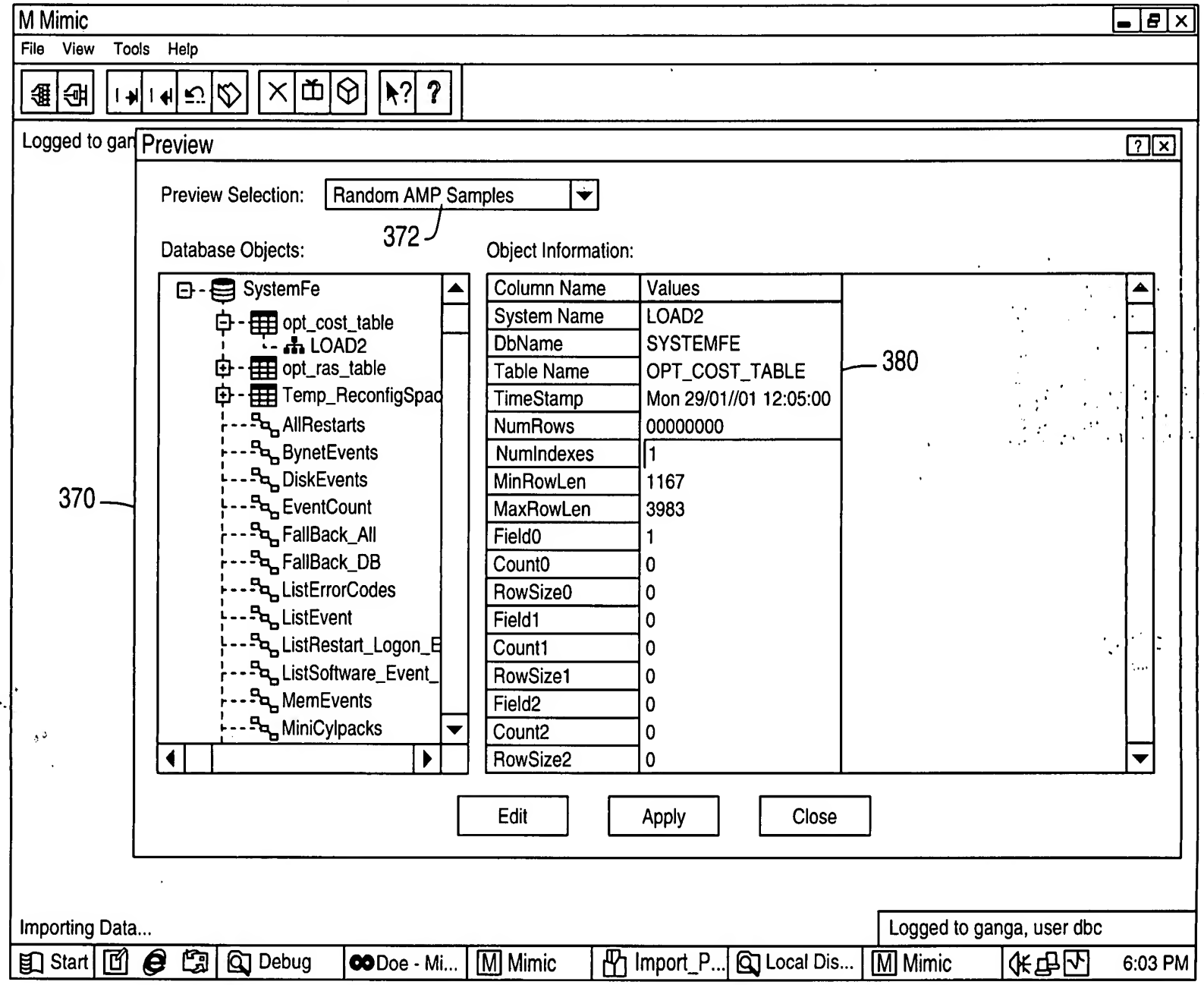

M Mimic
File View Tools Help
Logged to ganga, user dbc
Import file: load2
Import Into
Parent Database:
Import Options
The data was exported from Teradata RDBMS
Object Definitions
Statistics
Cost Parameters
Execution Plan
Random AMP Sampling
Version 04.01k.00.00
Release V2R.04.01k.00.00
Date 2001/01/28
Time 22:34:27
CharSet ASCII
Machine Name load2
Number of AMPs 4 AMPs
Number of PEs Not Available
Number of Nodes Not Available
Model 4400
360
362
364
366
368
Preview
Import
Cancel
Importing Data...
Logged to ganga, user dbc
Start
Debug
Doe - Mi...
Mimic
ViewLogF...
Local Dis...
Mimic
5:57 PM

FIG. 13


M Mimic
File View Tools Help
Logged to gan
Preview
Preview Selection:
Random AMP Samples
372
Database Objects:
Object Information:
SystemFe
opt_cost_table
LOAD2
opt_ras_table
Temp_ReconfigSpac
AllRestarts
BynetEvents
DiskEvents
EventCount
FallBack_All
FallBack_DB
ListErrorCodes
ListEvent
ListRestart_Logon_E
ListSoftware_Event_
MemEvents
MiniCylpacks
370
Column Name
Values
System Name
LOAD2
DbName
SYSTEMFE
Table Name
OPT_COST_TABLE
TimeStamp
Mon 29/01//01 12:05:00
NumRows
00000000
NumIndexes
1
MinRowLen
1167
MaxRowLen
3983
Field0
1
Count0
0
RowSize0
0
Field1
0
Count1
0
RowSize1
0
Field2
0
Count2
0
RowSize2
0
380
Edit
Apply
Close
Importing Data...
Logged to ganga, user dbc
Start
Debug
Doe - Mi...
Mimic
Import_P...
Local Dis...
Mimic
6:03 PM